

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

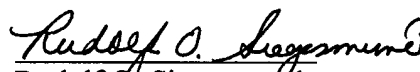
INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Applicant respectfully requests that the documents which are listed in the attached PTO-1449 form, copies of which are attached, be made of record in the patent application entitled ROD AND TUBING JOINT OF MULTIPLE ORIENTATIONS CONTAINING ELECTRICAL WIRING submitted simultaneously with this statement.

Respectfully submitted,



Rudolf O. Siegesmund

Registration No. 37,720

Suite 2000

4627 N. Central Expressway

Dallas, Texas 75205-4022

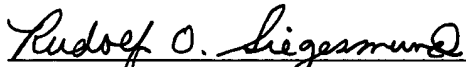
214-528-2407

Fax 214-528-2434

Attorney for Applicant

Express Mail Label No. EU 495786311US Date of Deposit: 9/25/03

I hereby certify that this paper and fee are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Applications, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.



Rudolf O. Siegesmund

Form PTO-1449 (Modified) List of Patents and Publications Cited by Applicant	Docket No: AHUG.015	Serial No.:
	Applicant: Hughes	
	Filing Date:	Group:

U.S. Patent Documents						
Examiner Initial		Document No.	Date	Name	Class	Sub-Class
	AA	US 2002/0112852	08/2002	Floerke et al.	166	65.1
	AB	US 2002/0112861	08/2002	Restarick et al.	166	384
	AC	US 2002/0014334	02/2002	Chau et al.	166	65.1
	AD	US 2002/0014336	02/2002	Jones	166	341
	AE	US 2002/00114340	02/2002	Johnson	166	380
	AF	US 2002/0005282	01/2002	Holbert et al.	166	65.1
	AG	US 2002/0000317	01/2002	Rayssiguier et al.	166	285
	AH	6,332,499	12/2001	Kobyliniski et al.	166	65.1
	AI	US 2001/0042617	11/2001	Beck et al.	166	65.1
	AJ	US 2001/0035288	11/2001	Brockman et al.	166	65.1
	AK	US 2001/0030047	10/2001	Chau et al.	166	378
	AL	6,302,797	10/2001	Driver	464	19
	AM	US 2001/0013411	08/2001	Beck et al.	166	65.1
	AN	6,209,632	04/2001	Holbert et al.	166	65.1
	AO	6,202,743	03/2001	Moore	166	65.1
	AP	6,186,249	02/2001	Bjornstad	175	320
	AQ	6,168,213	01/2001	Muller	285	391
	AU	6,123,561	09/2000	Turner et al.	439	194
	AR	6,116,658	09/2000	Bohlen	285	330
	AS	6,070,912	06/2000	Latham	285	61
	AT	5,984,006	11/1999	Read et al.	166	63
	AU	5,950,744	09/1999	Hughes	175	320
	AV	5,794,985	08/1998	Mallis	285	93
	AW	5,785,357	07/1998	Foster et al.	285	92
	AX	5,609,440	03/1997	Roche	405	158

	AY	5,474,334	12/1995	Eppink	285	184
	AZ	5,048,871	09/1991	Pheiffer et al.	285	39
	AAA	4,976,655	12/1990	Herbert, Sr.	464	16
	AAB	4,915,423	04/1990	Wallace	285	91
	AAC	4,534,585	08/1985	Saliger	285	92
	AAD	4,483,393	11/1984	More et al.	166	65
	AAE	4,099,745	07/1978	Cobbs	285	24
	AAF	4,051,696	10/1977	Mason et al.	64	23
	AAG	2,273,017	02/1942	Boynton	285	146
	AAH	1,781,091	11/1930	Wilson		
	AAI	1,438,751	12/1922	Des Isles		
	AAJ	1,054,812	03/1913	Zierath		
	AAK	Enviromental Applications of Horizontal Wells	11/1992	George J. Hall		
	AAL	Horizontal Systems: Technology for Shallow-Site Remediation	02/1993	Journal of Petroleum Technology		
	AAM	Smart Drilling with Electrical Drillstring	02/2003	Paul Lurie, Philip Head, Jackie E. Smith		
	AAN	Composite-lined Tubulars Can Lower Operating Expenses	07/2000	Kenneth Ross		

Foreign Patent Documents					
Examiner Initial		Document No.	Date	Country	Translation
					Yes No
	BA				
	BB				

Examiner:	Date Considered:
-----------	------------------